**Homework 73H Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Mixed Review Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pr: \_\_\_\_\_\_\_\_\_**

Failure to show all work and write in complete sentences will result in LaSalle!

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| 1) Find the surface area of the regular pentagonal pyramid below. | | 2) Find the ***surface area*** and ***volume*** of the triangular prism |
| 3) Find the surface area of the cone below. | | 4) Find the volume of the regular hexagonal prism below. |
| 5) Find the volume of the regular pentagonal pyramid below. | | 6) A wooden coaster is a regular octagon with 3 cm sides and a radius of about 3.92 centimeters. What is the area of the coaster? |
| 7) Use the pentagonal prism to find: | Surface Area:  Volume: | |